LEFOO

LFT6200 Explosion-proof Pressure Transmitter

FEATURES

- Anti-pressure shock buffer joint
- Various pressure ranges and signal outputs
- ExdIIcT6Gb Explosion-proof grade
- Configurable live display
- Various pressure connections

DESCRIPTION

LFT6200 pressure transmitter is an isolated explosion-proof product with high cost performance. Widely used in gas and liquid pressure detection, such as water, oil, mildly corrosive liquid and gas. The product adopts 304 stainless steel pressure head, the pressure core is selected from international famous brands, and the dedicated V/I conversion circuit can easily calibrate its zero point and full scale.

This product has the advantages of small drift, stable performance, reliable quality and reasonable structure.

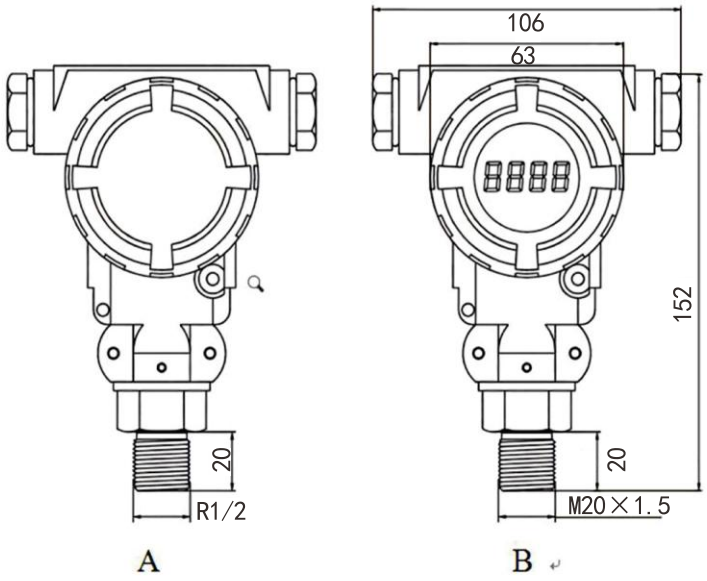
SPECIFICATION

Pressure Range	-100kPa…0~10kPa…60MPa			
Temperature Range	1.5 times of rated pressure			
Accuracy①	±1.0%F.S (-100kPa…0~1kPa…2kPa…60MPa)			
	±0.5%F.S(-100kPa…0~3kPa…19kPa…60MPa)			
	±0.25%F.S(-100kPa…0~20kPa…60MPa)			
Stability	<0.5%F.S/year			
Working Temp	-20~80℃			
Storage Temp	-40~100℃			
Measured Medium	Gas or Liquid Compatible with 304 or 316L Stainless Steel, Fluorine rubber or Nitrile rubber			
Electrical Performance	2-wired		3-wired	4-wired
Output Signal	4~20mA	4~20mA+HART	0~10VDC	RS-485
Power Supply	10~30VDC		14~36VDC	10~36VDC
Insulation	＞100MΩ@500VDC			
Electric Strengh	500VAC@60 second			
Electrical Connection	Waterproof cable outlet			
Enclosure Protection	IP67			
Pressure Form	Gauge Pressure G/Absolute Pressure A			
Pressure Connection	M20*1.5,G1/2			

①Measured at 25°C with combined accuracy of linearity, repeatability and hysteresis

LEFOO

DIMENSION (mm)



ORDER REF NO.

Code and description													Remark
LFT6200													Model
	Range	-100kPa…0~10kPa…60MPa											Measurement Range
		A4	A4 = 4~20mA(2-wired)										Output Mode
		HART	HART=4~20mA+HART(2-wired)										
		V10	V10=0~10V(3-wired)										
		RS	RS = RS-485(4-wired)										
			K	K = kPa			P	P = psi					Measurement Unit
			M	M = MPa			B	B = Bar					
				0.25	0.25 = 0.25%F.S								Accuracy Grade
				0.5	0.5 = 0.5%F.S								
				1.0	1.0 = 1.0%F.S								
					D	D =Cable Outlet							Electrical connection
						M	M = M20*1.5		G2	G2 = G1/2			Pressure Connection
							1.0	1.0 = 1m					Cable Length
							2.0	2.0 = 2m					
							3.0	3.0 = 3m					

LFT6200	0-60	A4	B	0.5	D	M	1.0	Selection Example